

ABSTRACT OF THE DISCLOSURE

The present removing system has an object to remove a left-over toner that is accumulated on a brush that touches a left-over toner on a photoreceptor. More specifically, the present removing system is so arranged that an alternating voltage (superimposing voltage) on which a positive direct current voltage is superimposed is applied onto a conductive brush in accordance with a user's instruction. With this arrangement, even if a positively electrified left-over toner is accumulated on the conductive brush, it is possible to remove the positively electrified left-over toner accumulated on the conductive brush, because a voltage value (positive) applied on the conductive brush in a moment is large. Moreover, because a voltage of the conductive brush becomes negative in a moment, it is possible to remove a negatively electrified left-over toner attached on the conductive brush.